

TECHNICAL MANUAL

PARACHUTE LOGS AND RECORDS

F41608-87-D-A288

(ATOS)

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LIST OF EFFECTIVE PAGES

NOTE: The portion of the text affected by the changes is indicated by a vertical line in the outer margins of the page. Changes to illustrations are indicated by miniature pointing hands. Changes to wiring diagrams are indicated by shaded areas.

Dates of issue for original and changed pages are:

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1. PURPOSE.

The purpose of this technical order is to explain how to prepare, replace and dispose of AFTO Form 391, "Parachute Log," and AFTO Form 392, "Parachute Repack, Inspection and Component Record" which are used to log and record parachute information.

2. GENERAL.

a. AFTO Form 391 is the form currently prescribed for recording/maintaining data applicable to all types parachutes and to components utilized with the various parachute assemblies.

b. All data pertaining to organization, unit of assignment, or activity entered on the AFTO/DD Forms or stenciled on life support/survival equipment may be omitted at the option of the major command.

c. If the parachute log is used for cargo, deceleration, drogue chute, torso harness, etc., it is appropriate to reidentify the necessary pages or titles.

d. For parachutes employing reefing line devices, enter information concerning such devices in the time delay cartridge section and reidentify the section pages accordingly.

e. For drogue parachutes employing Time Change Items (TCI), enter information on the canopy and harness data page and retitle page accordingly.

f. On removal/replacement of any parachute component or accessory the person accomplishing the removal/replacement action will enter on the next open line of the appropriate page the new/updated information.

PARACHUTE LOG	
INSTRUCTIONS: This form will be initiated for each parachute when the parachute is first processed for maintenance inspection, technical instruction compliance, or packing. It will be carried in the pocket provided for this purpose, and will be maintained in accordance with existing regulations. Entries will be clear and neat. This form will be kept clean.	
STYLE	SERIAL NUMBER
PART NUMBER	STOCK NUMBER
NAME AND ORGN OF ASSEMBLER	
ORGANIZATION ASSIGNED	LOCAL CONTROL NUMBER

AFTO FORM 391
MAY 82

PREVIOUS EDITION WILL BE USED

Figure 1. AFTO Form 391 General Information (Cover)

g. To update the AFTO Form 391 draw a single line through the old information and enter the new information on the next open line.

h. All entries in AFTO Form 391 shall be of a permanent nature, nonfading characters and all entries shall be legible.

i. All entries made on AFTO Form 392 shall be made in pencil and shall be legible.

3. AFTO Form 391 (Figure 1-18).

This form is used as a maintenance, repair, technical compliance, inspection, and general historical record of each parachute. It is initiated when the parachute is first processed for maintenance, inspection, technical order compliance, or packing, and is continued during the life of the parachute.

NOTE

All signature blocks will consist of first name initial and signed last name. For periods when these operations are conducted, see 13C series, 14D1 (-2 and -3 series), 14D2 series and 14D3 series technical orders.

a. Preparing AFTO Form 391. Make the following entries:

(1) General. (Figure 1).

(a) Style: Style and type of parachute, "Back Automatic-SEAT, Automatic-ETC."

(b) Part Number: Part number of Parachute Assembly.

(c) Name and Organization of Assembler: First Name Initial, Last Name and the Location/Unit of Assembler.

(d) Organization Assigned: Name of base and organization to which the parachute is currently assigned for operational use. (If dictated by operational requirements, major commanders may authorize deletion of this information.)

(e) Serial Number of Canopy.

(f) Stock Number: Stock Number of complete Parachute/Recovery Assembly.

(g) Local Control Number: Number assigned by possessing operational organization to facilitate identification and control of parachute assembly.

NOTE

Data Pertaining to organization, unit of assignment, or activity entered on AFTO/DD Forms or stenciled on life support/survival equipment which could divulge the base, activity, or unit to which the item is assigned, may be omitted, at the option of the major command.

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Figure 2. AFTO Form 391 Contents

(6) Harness Data. (Figure 7)

(a) Manufacture Date: The date (month and year) harness was manufactured.

(b) Install Date: The I date stenciled on the harness.

(c) Manufacturer: Name of harness manufacturer, or manufacturers code when name is not known.

(d) Expiration Date: The date (month and year) harness will be removed from service as computed from installation (I date) or manufacturing date as prescribed by technical order governing the specific harness.

HARNES DATA			
MFR DATE	INSTALL DATE	MANUFACTURER	EXP DATE

Figure 7. AFTO Form 391

(7) Riser Data. (Figure 8)

(a) Manufacture Date: The date (month and year) Riser was manufactured.

(b) Install Date: The I date stenciled on the riser.

(c) Manufacturer: Name of riser manufacturer.

(d) Expiration Date: The date (month and year) riser will be removed from service computed from installation (I date) or manufacturing date as prescribed by technical order governing the specific riser.

(e) Remarks: Indicate if left or right riser or both.

RISER DATA				
MFR DATE	INSTL DATE	MANUFACTURER	EXP DATE	REMARKS

Figure 8. AFTO Form 391

(8) Automatic Ripcord Actuator/Release.
(Figure 9)

(a) Inspection Date: Date released actuator was inspected

(b) Type: Type/manufacturer-actuator/release installed such as F-1B, Scot, Mod 11,000, etc.

(c) Actuator/Lot Number for ballistic releases, serial number: For mechanical releases.

(d) Time/Delay Setting: Exact time increment in seconds, timer mechanism or cartridge delay is set.

(e) Altitude Setting: Exact altitude increment at which aneroid (altitude) mechanism was set, or release fired at.

NOTE

Each time the settings (time/altitude) are changed, a separate entry reflecting latest settings will be made. F-1B release will always be set at 14,000 feet so enter either function check or operation check. If function is performed enter number of check; i.e., function check #30 in the altitude portion of this page.

(f) Signature: Signature of person who preformed the inspection.

AUTOMATIC RIPCORD ACTUATOR/RELEASE					
INSTL DATE	TYPE	ACTIVITY	SETTING		SIGNATURE
			TIME	ALTITUDE	

NOTE: CHANGE INSTL DATE TO INSPECT DATE, CHANGE ACTIVITY TO LOT NR, VARIATIONS MAY EXISTS.

Figure 9. AFTO Form 391